

**Remarks**

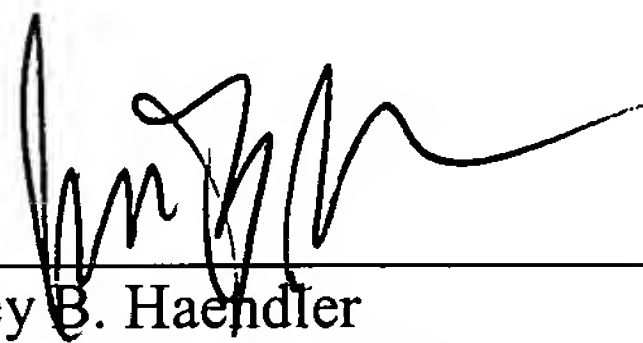
The specification has been amended to insert Applicants' claim of priority and to insert the Abstract, originally included in the first page of the International Application, as the last page of the specification. After entry of this Amendment, claims 1-20 are pending in the present application.

If any matters remain to be discussed prior to examination, the Examiner is invited to contact the undersigned at the telephone number listed below.

Respectfully submitted,

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By

  
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# AIRCRAFT AIR DISINFECTION SYSTEM

## Abstract

An aircraft air conditioning system for conditioning of the cabin and/or cockpit air comprises an air re-circulation circuit (~~13, 14, 15, 16~~) and a UVC radiation unit (~~12~~) positioned so as to irradiate air in the re-circulation circuit (~~13, 14, 15, 16~~) with ultra violet light. In particular embodiments, the The air conditioning system comprises a re-circulation fan (~~14~~) having the inlet thereof connected to a mechanical filter (~~33~~), and the output connected to a mixer unit (~~13~~) adapted to mix re-circulated air supplied to the mixer unit (~~13~~) by the fan (~~14~~), and a UVC radiation unit (~~12~~) positioned so as to irradiate the re-circulated air with ultra violet light at a wavelength of 253.7 nm.